

Evaluate Stage

Criterion E

Name: _____

Class: **8** _____

Maximum: 6

- Students are expected to evaluate the product/solution against the design specification in an objective manner based on testing, and to evaluate its impact on life, society and/or the environment. They are expected to explain how the product/solution could be improved as a result of these evaluations.
- Students are expected to evaluate their own performance at each stage of the design cycle and to suggest ways in which their performance could be improved.

Achievement level	Grade 8 level descriptor	Task specific descriptor
0	The student does not reach a standard described by any of the descriptors below.	<ul style="list-style-type: none"> Student does not submit any work
1–2	The student makes some attempt to evaluate the product / solution and / or his or her performance.	Student submits a work that is incomplete or mentions some of the parts listed below.
3-4	The student carries out or follows tests to compare the product / solution against the design specification and suggests possible improvements. The student reflects on their performance at each stage of the design cycle and identifies where their performance could be improved.	Student submits a work that describes : <ul style="list-style-type: none"> the result/s of testing way/s in which the product could be improved performance at <i>each stage</i> of the design cycle and how performance could be improved the impact of the product on life, society and the environment.
5-6	The student carries out tests to compare the product against the design specification. The student considers the success of the product based on testing , their own views and the views of the intended users . The student suggests ways in which the product could be improved. The student reflects on their performance during each stage of the design cycle and suggests ways in which their performance could be improved. The student reflects on the impact their product may have on life, society and the environment.	Student submits a work that explains : <ul style="list-style-type: none"> the result/s of testing way/s in which the product could be improved performance at <i>each stage</i> of the design cycle and how performance could be improved the impact of the product on life, society and the environment. (<i>Relate to the guide question</i>)

Note:

Product testing: A stage in the design process where versions of products (for example, prototypes) are tested against the need, applied to the context and presented to the end -user or target audience.